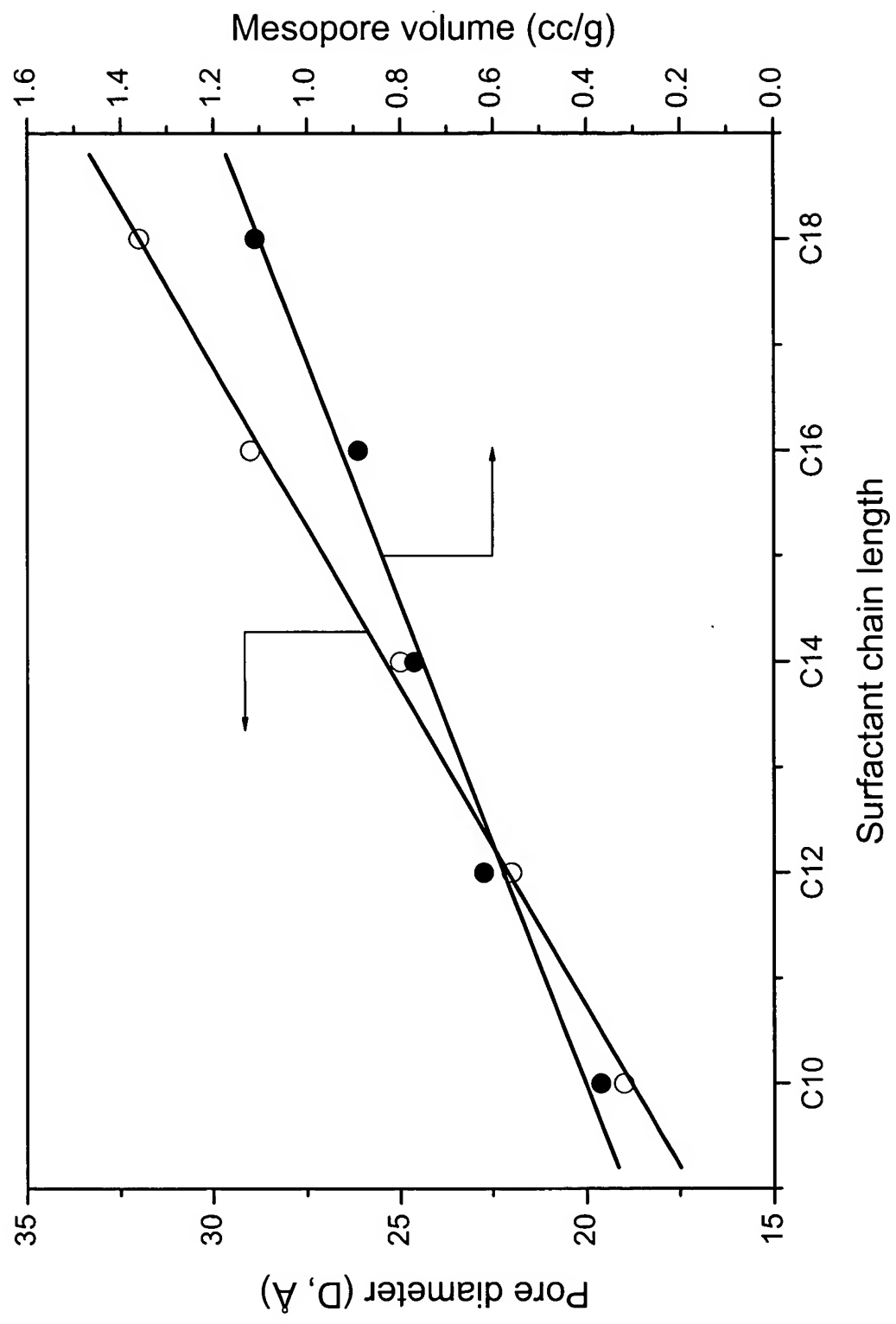


Fig.1



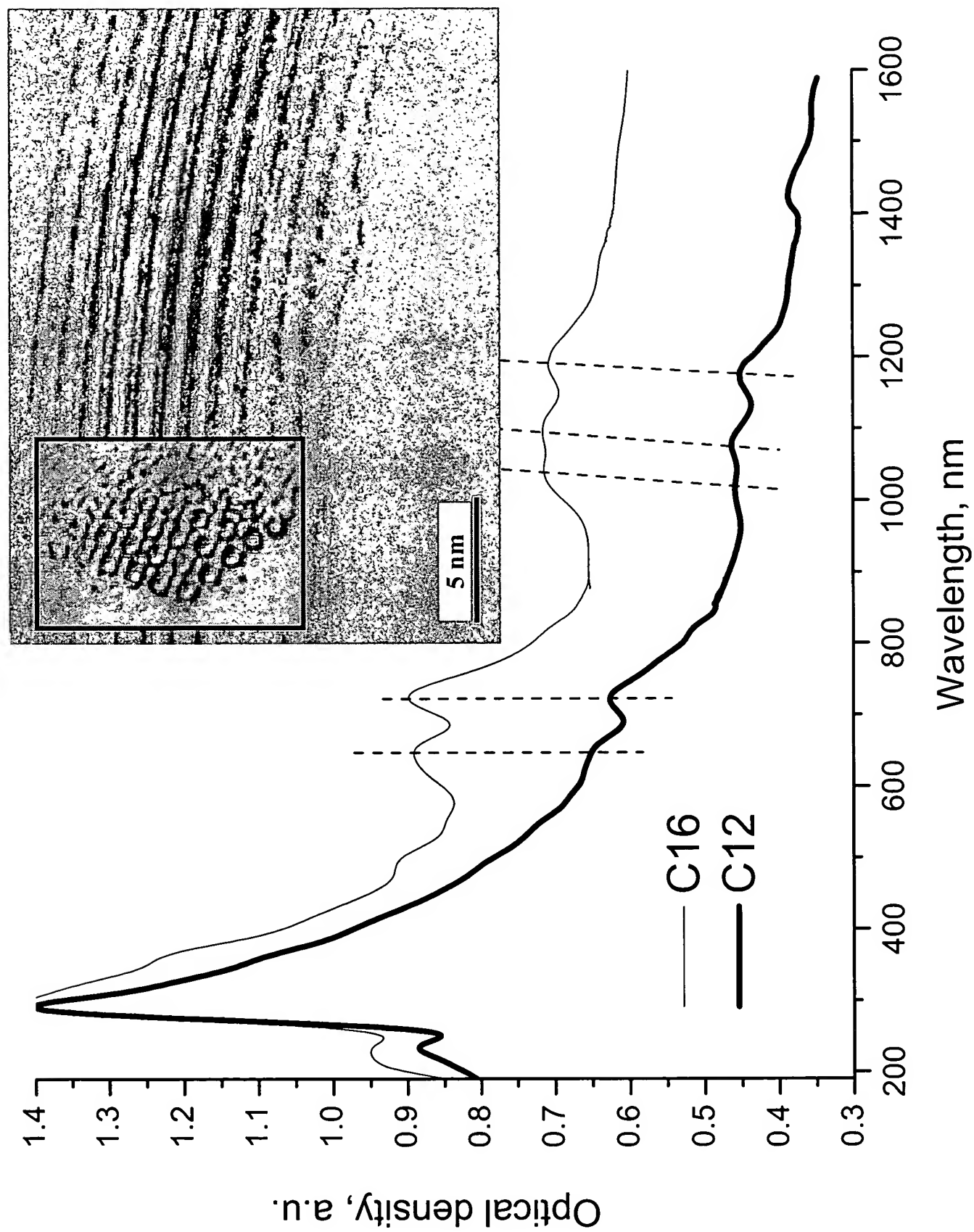


Fig. 2

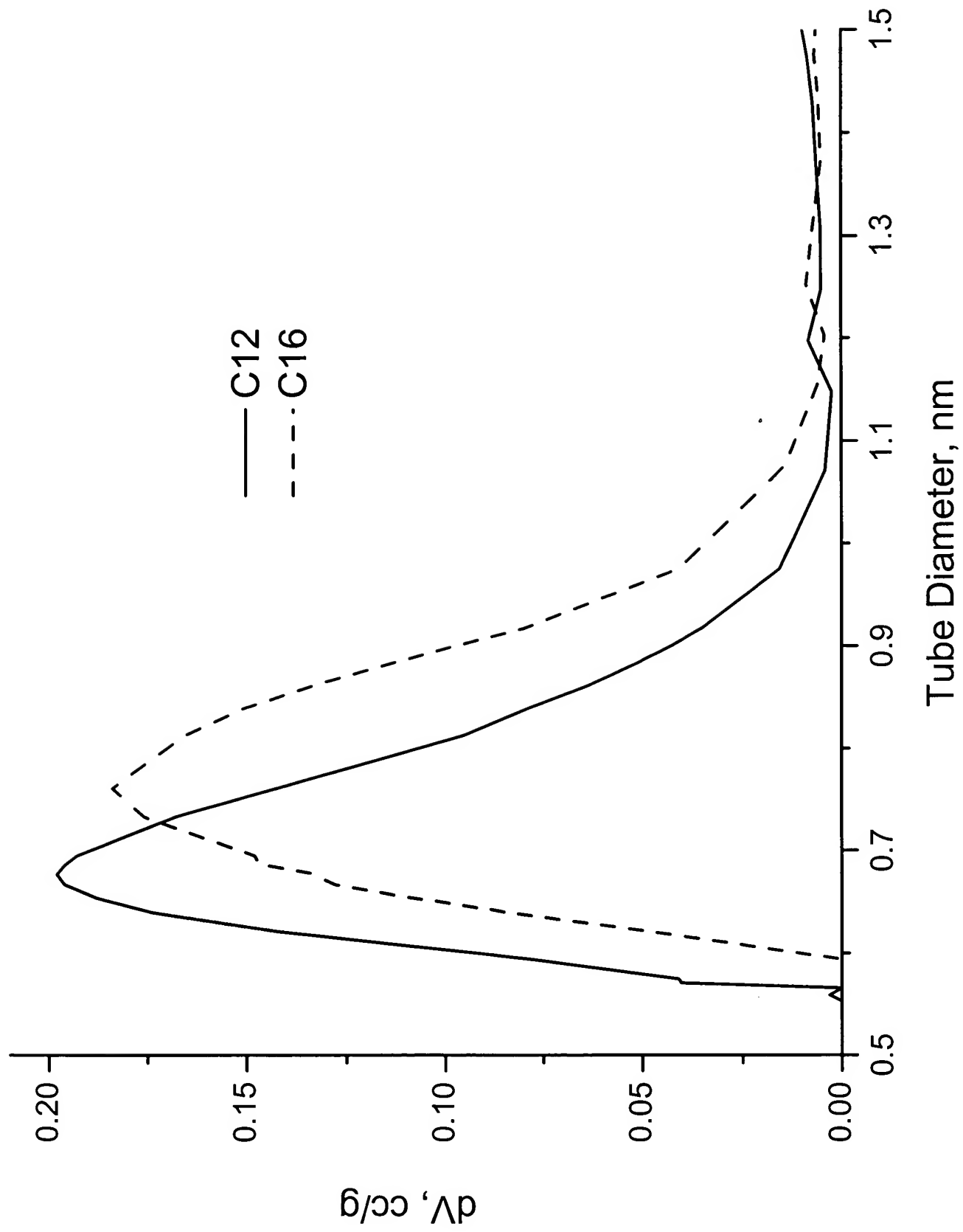


Fig. 3

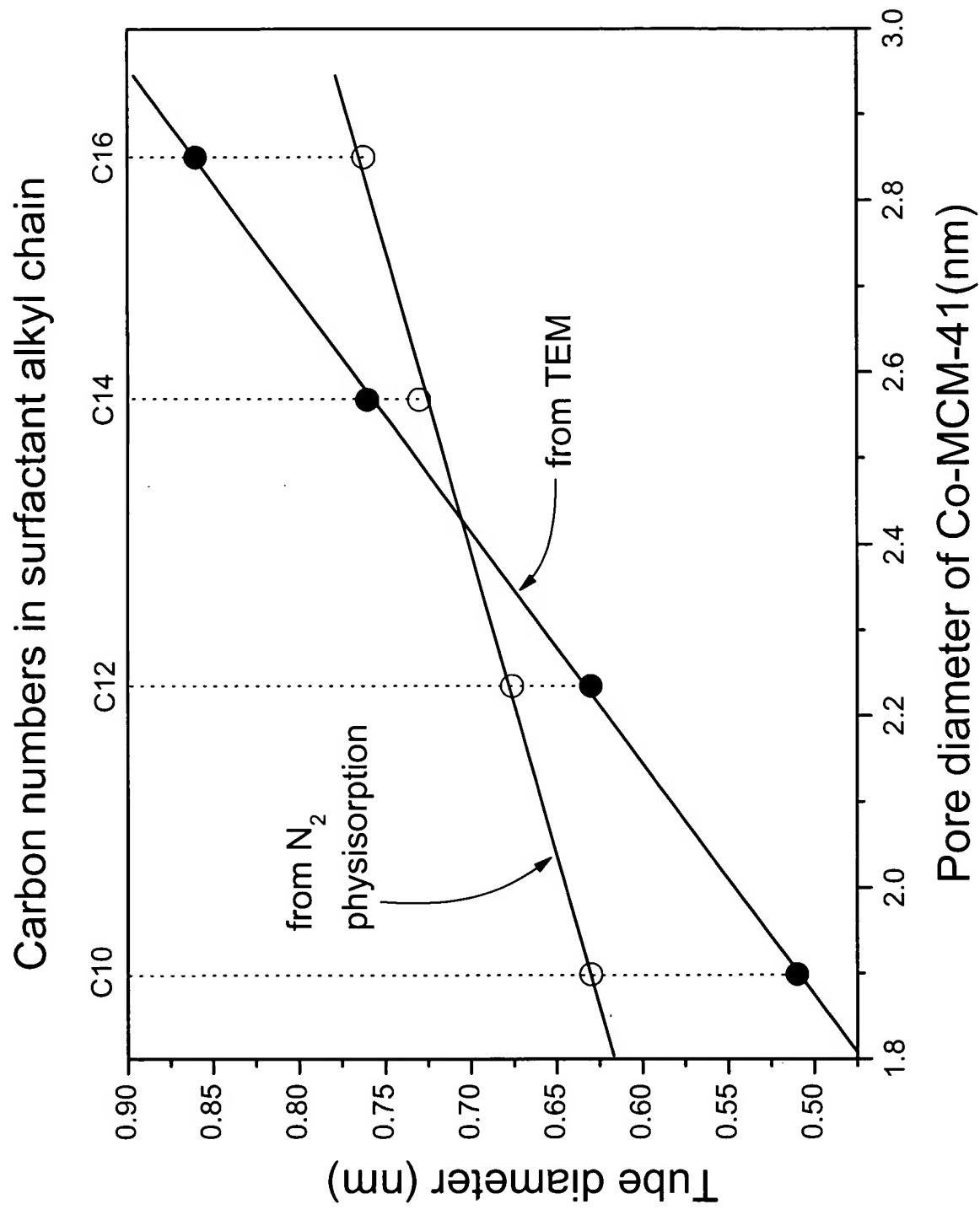


FIG. 4

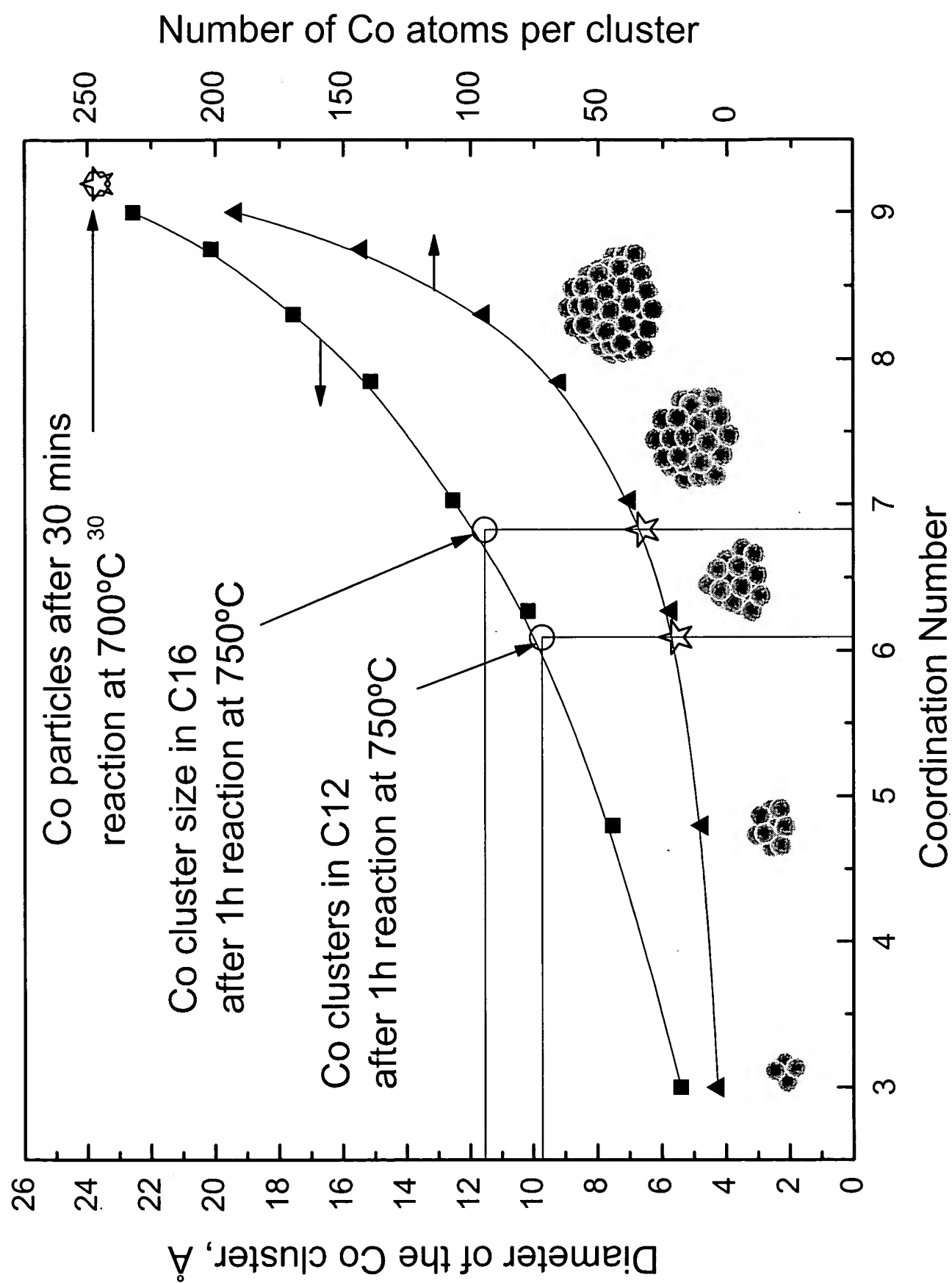


Fig. 5

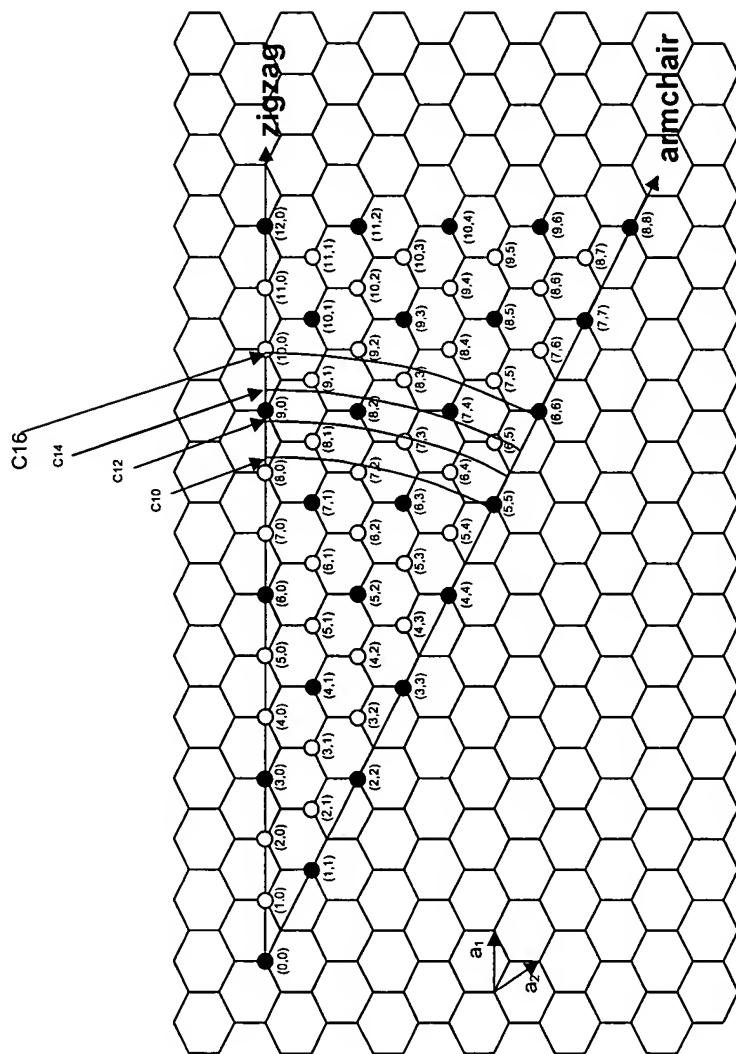


FIG. 6

- Metallic SWNT ($n_1-n_2=0$ or $n_1-n_2=3m$ ($m=1, 2, \dots$))
- Semiconductive SWNT